

DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below.

I believe that I am the original, first and sole inventor of the innovative subject matter described and claimed in the U.S. patent application identified as follows:

Title: Roller Cone Bit Design Using Multi-Objective Optimization

Inventor: Shilin Chen

Attorney Docket No.: SC-03-01

This application claims priority from parent 60/474,671 filed 05/30/2003 (MM/DD/YYYY).

I hereby state that I have reviewed and understand the contents of the above-identified U.S. patent application, INCLUDING THE CLAIMS.

I acknowledge the duty to disclosed information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention or discovery thereof.

I do not know and do not believe that the claimed invention was ever patented or described in any printed publication in any country before my invention or discovery thereof.

I do not know and do not believe that the claimed invention was ever patented or made the subject of an inventor's certificate issued prior to the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns.

I do not know or do not believe that the claimed invention was ever patented or described in any printed publication in any country more than one year prior to the filing date of this U.S. application.

I do not know or do not believe that the claimed invention was ever in public use or on sale in the United States of America more than one year prior to the filing date of this U.S. application.

I hereby appoint Robert Groover III, Reg.No. 30,059, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, and also to file and prosecute any corresponding application in any foreign country.

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C.S.

I hereby direct that all correspondence and telephone calls be addressed to:

Robert Groover
11330 Valley Dale Dr.
Dallas TX 75230
Tel: 214-363-3038.

I hereby claim the benefit of priority, under 35 U.S.C. §119 or §120 as may be applicable, and any application(s) for patent or inventor's certificate listed below:

This application claims priority from U.S. Nonprovisional Application 09/833,016 filed 4/10/2001, and therethrough from U.S. Nonprovisional Application 09/387,737 filed 8/31/1999 and now issued as U. S. Pat. No. 6,213,225, and therethrough from provisional 60/098,466 filed 8/31/1998.

This application also claims priority from provisional 60/474,671 filed 5/30/2003.

This application also claims priority from provisional 60/474,672 filed 5/30/2003.

This application also claims priority from U.S. Nonprovisional Application 10/189,305 filed 7/2/2002, therethrough from U.S. Nonprovisional Application 09/629,344 filed 8/1/2000 and now issued as U.S. Pat. No. 6,412,577, and therethrough from U.S. Nonprovisional Application 09/387,304 filed 8/31/1999 and now issued as U.S. Pat. No. 6,095,262, and therethrough from provisional 60/098,442 filed 8/31/1998.

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may also jeopardize the validity of the application or any patent issued thereon.

Inventor: Shilin Chen

Date: Nov 14, 2003

Signature: Shilin Chen

Residence and Mailing Address: **34 W. Prairie Dawn Cir., The Woodlands, TX 77385**

Citizenship: People's Republic of China

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